



PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

January 14, 2005  
Date

Ayesha J. Shaikh

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Joseph M. Jeddeloh

Serial No. : 10/644,522

Filed : August 19, 2003

Title : SYSTEM AND METHOD FOR ON-BOARD DIAGNOSTICS OF MEMORY MODULES

Attorney Docket No.: 501307.01

Group Art Unit : 2818

Examiner : Not Yet Assigned

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicant wishes to make known to the Patent and Trademark Office the references set forth on the attached form PTO-1449. Copies of the cited foreign patent and non-patent literature references, as required under 37 C.F.R. § 1.98(a)(2), are enclosed. Copies of the cited U.S. patents and U.S. patent application publications will not be submitted herewith in accordance with the waiver by the Office of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for U.S. national patent applications filed after June 30, 2003. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicant's duty to disclose all information he is aware of which is believed relevant to the examination of the above-identified application, applicant believes that his invention is patentable.

Applicant also wishes to make known to the Patent and Trademark Office that an application, Serial No. 10/893,709, describing and claiming subject matter that is similar to the subject matter of this application, was filed on July 15, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicant also wishes to make known to the Patent and Trademark Office that an application, Serial No. 10/963,824, describing and claiming subject matter that is similar to the subject matter of this application, was filed on October 12, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicant also wishes to make known to the Patent and Trademark Office that an application, Serial No. 10/874,698, describing and claiming subject matter that is similar to the subject matter of this application, was filed on June 22, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicant also wishes to make known to the Patent and Trademark Office that an application, Serial No. 10/813,040, describing and claiming subject matter that is similar to the subject matter of this application, was filed on March 29, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicant also wishes to make known to the Patent and Trademark Office that an application, Serial No. 10/857,467, describing and claiming subject matter that is similar to the subject matter of this application, was filed on May 28, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicant also wishes to make known to the Patent and Trademark Office that an application, Serial No. 10/846,988, describing and claiming subject matter that is similar to the subject matter of this application, was filed on May 14, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicant also wishes to make known to the Patent and Trademark Office that an application, Serial No. 10/773,518, describing and claiming subject matter that is similar to the subject matter of this application, was filed on February 5, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicant also wishes to make known to the Patent and Trademark Office that an application, Serial No. 10/861,163, describing and claiming subject matter that is similar to the subject matter of this application, was filed on June 4, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

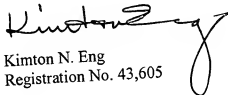
Applicant also wishes to make known to the Patent and Trademark Office that an application, Serial No. 10/861,145, describing and claiming subject matter that is similar to the subject matter of this application, was filed on June 4, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicant also wishes to make known to the Patent and Trademark Office that an application, Serial No. 10/931,326, describing and claiming subject matter that is similar to the subject matter of this application, was filed on August 31, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Please acknowledge receipt of this Supplemental Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Respectfully submitted,

DORSEY & WHITNEY LLP



Kimton N. Eng  
Registration No. 43,605

KNE:ajs

Enclosures:

Postcard  
Form PTO-1449  
Cited References (4)  
Copies of Related Applications (10)

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FORM PTO-1449  
(REV. 7-80)

## INFORMATIONAL DISCLOSURE STATEMENT

(Use only if information is necessary)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

501307.01

APPLICATION NO.

10/644,522

APPLICANT(S)

Joseph M. Jeddeloh

FILING DATE

August 19, 2003

GROUP ART UNIT

2818

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,240,143	12/16/80	Besemer et al.	364	200	
	AB	4,245,306	01/13/81	Besemer et al.	364	200	
	AC	4,253,144	02/24/81	Bellamy et al.	364	200	
	AD	4,253,146	02/24/81	Bellamy et al.	364	200	
	AE	4,707,823	11/17/87	Holdren et al.	370	1	
	AF	4,724,520	02/09/88	Athanas et al.	364	200	
	AG	4,930,128	05/29/90	Suzuki et al.	371	12	
	AH	5,241,506	08/31/93	Motegi et al.	365	210	
	AI	5,243,703	09/07/93	Farmwald et al.	395	325	
	AJ	5,269,022	12/07/93	Shinjo et al.	395	700	
	AK	5,317,752	05/31/94	Jewett et al.	395	750	
	AL	5,319,755	06/07/94	Farmwald et al.	395	325	
	AM	5,355,391	10/11/94	Horowitz et al.	375	36	
	AN	5,432,823	07/11/95	Gasbarro et al.	375	356	
	AO	5,461,627	10/24/95	Rypinski	370	95.2	
	AP	5,465,229	11/07/95	Bechtolsheim et al.	345	477	
	AQ	5,502,621	03/26/96	Schumacher et al.	361	760	
	AR	5,566,325	10/15/96	Bruce, II et al.	395	494	
	AS	5,577,220	11/19/96	Combs et al.	395	416	
	AT	5,581,767	12/03/96	Katsuki et al.	395	800	
	AU	5,606,717	02/25/97	Farmwald et al.	395	856	
	AV	5,638,334	06/10/97	Farmwald et al.	365	230.03	
	AW	5,715,456	02/03/98	Bennett et al.	395	652	
	AX	5,819,304	10/06/98	Nilsen et al.	711	5	
	AY	5,832,250	11/03/98	Whittaker	395	471	

EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
501307.01APPLICATION NO.  
10/644,522**INFORMATION DISCLOSURE STATEMENT**  
(Use several sheets if necessary)

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**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AZ	5,928,343	07/27/99	Farmwald et al.	710	104	
	BA	5,966,724	10/12/99	Ryan	711	105	
	BB	5,973,935	10/26/99	Schoenfeld et al.	361	813	
	BC	5,973,951	10/26/99	Bechtolsheim et al.	365	52	
	BD	5,978,567	11/02/99	Rebane et al.	395	200.49	
	BE	6,023,726	02/08/00	Saksena	709	219	
	BF	6,029,250	02/22/00	Keeth	713	400	
	BG	6,061,296	05/09/00	Ternullo, Jr. et al.	365	233	
	BH	6,076,139	06/13/00	Welker et al.	711	104	
	BI	6,098,158	08/01/00	Lay et al.	711	162	
	BJ	6,125,431	09/26/00	Kobayashi	711	154	
	BK	6,175,571 B1	01/16/01	Haddock et al.	370	423	
	BL	6,185,352 B1	02/06/01	Hurley	385	114	
	BM	6,191,663 B1	02/20/01	Hannah	333	17.3	
	BN	6,247,107 B1	06/12/01	Christie	711	216	
	BO	6,249,802 B1	06/19/01	Richardson et al.	709	200	
	BP	6,294,937 B1	09/25/01	Crafts et al.	327	158	
	BQ	6,370,068 B2	04/09/02	Rhee	365	196	
	BR	6,401,213 B1	06/04/02	Jeddeloh	713	401	
	BS	6,405,280 B1	06/11/02	Ryan	711	105	
	BT	6,430,696 B1	08/06/02	Keeth	713	503	
	BU	6,434,696 B1	08/13/02	Kang	713	2	
	BV	6,434,736 B1	08/13/02	Schaecher et al.	716	17	
	BW	6,438,622 B1	08/20/02	Haghighi et al.	710	1	
	BX	6,449,308 B1	09/10/02	Knight, Jr. et al.	375	212	

EXAMINER

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2818**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BY	6,453,393 B1	09/17/02	Holman et al.	711	154	
	BZ	6,479,322 B2	11/12/02	Kawata et al.	438	109	
	CA	6,490,188 B2	12/03/02	Nuxoll et al.	365	63	
	CB	6,501,471 B1	12/31/02	Venkataraman et al.	345	424	
	CC	6,594,722 B1	07/15/03	Willke, II et al.	710	313	
	CD	6,598,154 B1	07/22/03	Vaid et al.	712	237	
	CE	6,615,325 B2	09/02/03	Mailoux et al.	711	154	
	CF	6,628,294 B1	09/30/03	Sadowsky et al.	345	568	
	CG	6,629,220 B1	09/30/03	Dyer	711	158	
	CH	6,646,929 B1	11/11/03	Moss et al.	365	194	
	CI	6,658,509 B1	12/02/03	Bonella et al.	710	100	
	CJ	6,662,304 B2	12/09/03	Keeth et al.	713	400	
	CK	6,667,895 B2	12/23/03	Jang et al.	365	63	
	CL	6,697,926 B2	02/24/04	Johnson et al.	711	167	
	CM	6,718,440 B2	04/06/04	Maiyuran et al.	711	137	
	CN	6,721,195 B2	04/13/04	Brunelle et al.	365	63	
	CO	6,724,685 B2	04/20/04	Braun et al.	365	233	
	CP	6,728,800 B1	04/27/04	Lee et al.	710	54	
	CQ	6,735,679 B1	05/11/04	Herbst et al.	711	167	
	CR	6,735,682 B2	05/11/04	Segelken et al.	711	220	
	CS	6,745,275 B2	06/01/04	Chang	710	305	
	CT	6,751,703 B2	06/15/04	Chilton	711	113	
	CU	6,754,812 B1	06/22/04	Abdallah et al.	712	234	
	CV	6,756,661 B2	06/29/04	Tsuneda et al.	257	673	
	CW	6,760,833 B1	07/06/04	Dowling	712	34	

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2818**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CX	6,771,538 B2	08/03/04	Shukuri et al.	365	185.05	
	CY	6,775,747 B2	08/10/04	Venkatraman	711	137	
	CZ	6,789,173 B1	09/07/04	Tanaka et al.	711	147	
	DA	6,792,059 B2	09/14/04	Yuan et al.	375	354	
	DB	6,792,496 B2	09/14/04	Aboulenein et al.	710	306	
	DC	6,795,899 B2	09/21/04	Dodd et al.	711	137	
	DD	6,799,246 B1	09/28/04	Wise et al.	711	117	
	DE	6,799,268 B1	09/28/04	Boggs et al.	712	228	
	DF	6,804,760 B2	10/12/04	Williams	711	170	
	DG	6,804,764 B2	10/12/04	LaBerge et al.	711	170	
	DH	6,807,630 B2	10/19/04	Lay et al.	713	2	
	DI	6,816,947 B1	11/09/04	Huffman	711	151	
	DJ	6,820,181 B2	11/16/04	Jeddeloh et al.	711	169	
	DK	6,823,023 B1	11/23/04	Hannah	375	296	
	DL	2001/0039612 A1	11/08/01	Lee	713	2	
	DM	2002/0116588 A1	08/22/02	Beckert et al.	711	161	
	DN	2003/0043158 A1	03/06/03	Wasserman et al.	345	545	
	DO	2003/0093630 A1	05/15/03	Richard et al.	711	154	
	DP	2003/0163649 A1	08/28/03	Kapur et al.	711	146	
	DQ	2003/0177320 A1	09/18/03	Sah et al.	711	158	
	DR	2003/0193927 A1	10/16/03	Hronik	370	351	
	DS	2004/0022094 A1	02/05/04	Radhakrishnan et al.	365	200	
	DT						
	DU						

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2818**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	DV	WO 93/19422	09/30/93	PCT				
	DW	EP0849685A2	06/24/98	EP				
	DX							
	DY							
	DZ							

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

EA	Intel, "Flash Memory PCI Add-In Card for Embedded Systems", Application Note AP-758, September, 1997, pp. i-13.
EB	Shanley, T. et al., "PCI System Architecture", Third Edition, Mindshare, Inc., 1995, pp. 24-25.
EC	
ED	
EE	
EF	
EG	
EH	
EI	
EJ	

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